



# **GSSC Annual Conference**

Connie Bowling

American Welding Society



**American Welding Society**



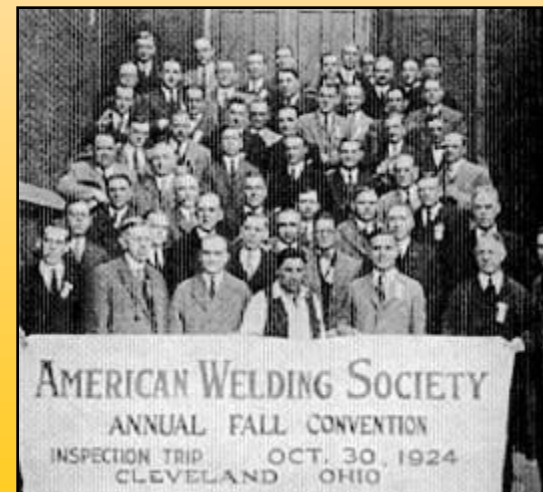


# AWS Mission

“Our mission is to advance the science, technology and application of welding and allied joining and cutting processes, including brazing, soldering and thermal spraying.”

# Who We Are

- Founded in 1919
- AWS is the largest organization in the world dedicated to the welding industry
- AWS serves more than 50,000 members worldwide
- 200 Sections; 200+ technical committees; and an expert staff of about 100 at AWS headquarters.
- We are:
  - Business and Industry
  - Engineers
  - Welders
  - Educators



# What We Do

- AWS' strategic goal is to support the manufacturing sector by providing:
  - Membership
  - Certification
  - 230+ Codes, Standards & Technical Docs

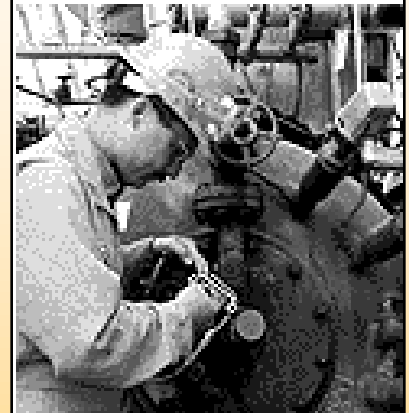


- *FABTECH International and AWS Welding Show*
- *Welding Journal & Inspection Trends*
- Conference/Seminars
- Education
- \$\$\$ Foundation and Scholarships \$\$\$

# What We Do

- Primary source for welding information
- Certifications - Brings value, and can mean better pay, job security, and recognition as an industry elite.
- AWS Certifications:
  - Certified Welding Inspector (CWI)
  - Certified Welder
  - Certified Radiographic Interpreter (RI)
  - Certified Welding Educator (CWE)
  - Certified Welding Engineer (CWEEng)
  - Certified Welding Supervisor (CWS)
  - Certified Robotic Arc Welder

If every employee came with a stamp of approval...



**AWS CERTIFICATION**

*Improve quality,  
increase production  
and gain a unique  
advantage.*



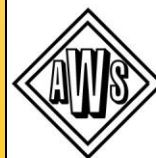
**Certified**

[aws.org/certification](http://aws.org/certification)



# AWS Foundation

- In 1991, there was one fellowship @ \$20,000
- In 2009, there were more than 400 recipients, and nearly \$390,000
- Total of 3,070 students, and over \$4.5 million in 19 years



**Foundation, Inc.**

*Building Welding's Future through Education*

# **Welder Workforce Development Update**

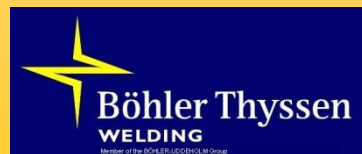


## **Completed and Ongoing Initiatives**

- Workforce Development Grants**
- “Careers in Welding” *In Demand* Magazine**
- Careers Website**
- Iron Man Comic Book**
- Careers Symposia**
- FFA National Convention**
- Grants Subcommittee**

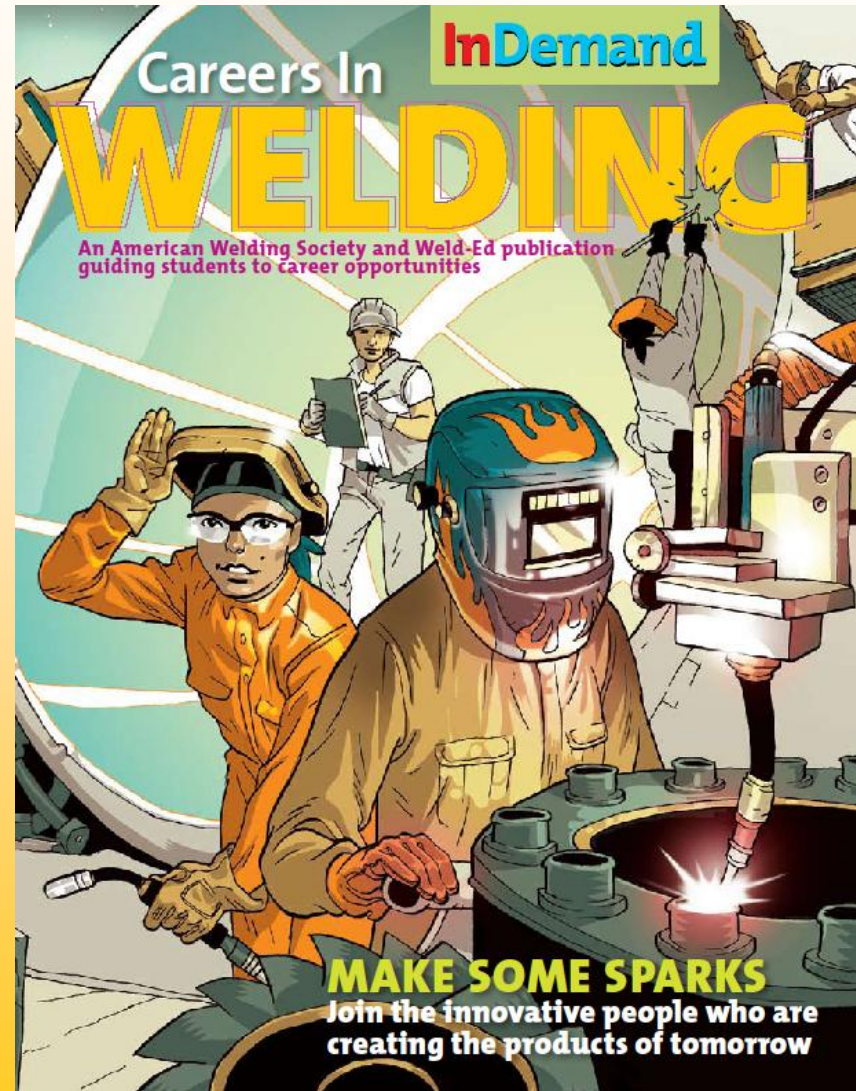
# Welder Workforce Development Grants

- Awarded from the Welder Workforce Development Endowment
- Funded by our generous partners
- Immediate impact for the welding workforce
- Awarded to companies to train and recruit welders to their workforce



# Welding Careers Magazine

- Collaborative project with Weld-Ed
- Completed in August 2009
- Modeled after Dept. of Labor “In Demand” series
- Already distributed more than 2,300 copies



# Careers Website Development

- **Careers – www.CareersInWelding.com**
  - Collaborative project with Weld-Ed
  - Request Welding Careers magazine, DVD, and comic book online

An American Welding Society and National Center for Welding Education & Training (Weld-Ed) web portal


Contact Us

Share | | | | | | | | |

## Careers In WELDING

EDUCATORS WELDING PROFESSIONALS STUDENTS UPCOMING EVENTS

Why Welding	Welding Fun Facts	People Profiles	Salary Information	Company Profiles	Industry News	Welding Publications	Welding Videos	Additional Resources
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### MAKE SOME SPARKS

Join the innovative people who are creating the products of tomorrow

(03/23/10) Three Scholarship Deadlines Extended Until May 1, 2010 >>  
(03/22/10) New Video Added - Beyond Arcs and Sparks >>  
(03/16/10) The Family That Learns Together >>  
(03/16/10) Attention all Teachers - check out these new tips >>  
(03/16/10) Welding Professionals - this is for you! >>  
(03/07/10) Iron Man 2 Movie Trailer Released! >>  
(02/01/10) www.CareersInWelding.com Website Goes Live! >>

EDUCATORS WELDING PROFESSIONALS STUDENTS UPCOMING EVENTS

- Career videos
- Job profiles
- Company profiles
- School search
- Salary info
- Resume tools
- Blogs

# IronMan II

- The Lincoln Electric Company is printing 250,000 copies for our use
- Distribution Spring 2010 to coincide with the IronMan II® movie



# Welding Careers Symposia

- **Successful event held on September 28-29 in Mobile, Alabama**
  - **Host: WESCO**
  - **Day One: Over 55 administrators, teachers, counselors**
  - **Day Two: Over 300 high school students**
  - **Feedback**
    - **Thanks for opening our eyes. I never thought about how welders can move up if they choose. Great job! Thanks for the good food!**



# FFA National Convention

- Exhibited and presented at the 82<sup>nd</sup> National Convention in Indianapolis, IN – Oct. 21-24
- Over 54,000 attendees (students, teachers, parents)
- Two student workshops with over 500 students in attendance!





# **Focus for 2010**

- **Build web marketing strategy**
- **Develop additional websites (educators & jobs)**
- **Seek potential grant(s) to support workforce development efforts**
- **Grow collaboration with Weld-Ed**
  - **Recruitment efforts**
  - **Building and communicating with a network of educators**



# Weld-Ed

- **National Center for Welding Education and Training**
- **Partnership between business and industry, community and technical colleges, universities, the AWS, and government**
- **Funding support from the National Science Foundation**

Weld-Ed 

The National Center for Welding Education and Training



# Weld-Ed

- **10 Regional Partners**
- **Partners bring in expertise in different technical areas:**
  - **Robotics**
  - **Plasma cutting**
  - **Pipe welding**
- **College Affiliates**
- **Industrial Affiliates**

# Weld-Ed Affiliates – College Network

- Enrollment is open to faculty and administration that provides education for technicians in the welding and joining industry
  - High Schools
  - Career/Technical Institute
  - 2-year College
  - 4-year College





# **Weld-Ed Affiliates – College Network**

- **Benefits**

- **Networking opportunities with materials joining faculty and administrators of our ten Regional Centers**
- **Weld-Ed curriculum designs, teaching modules, planning guides and recruitment tools**
- **Professional development opportunities and technical assistance**
- **Information on grant opportunities**



# **Weld-Ed Industrial Affiliates**

- **Enrollment is open to companies who manufacture welding equipment and supplies or uses welding processes in the manufacture of their products.**
- **Membership fee is waived for the first year**



# **Weld-Ed Industrial Affiliates**

- **Benefits**

- **Networking opportunities**
- **Opportunities to direct education for the next generation of Welding Professionals**
- **Opportunities to provide industry created curriculum and products to educational organizations country wide**
- **Information on grant opportunities**



**Questions and Comments?**

**Connie Bowling**

**American Welding Society**

**Director SOS**

**(Solutions Opportunity Squad)**

**Welder Workforce Development**

**[cbowling@aws.org](mailto:cbowling@aws.org)**



**Welding for the Strength of America**

*The Campaign for the American Welding Society Foundation*